

## AASHTO Subcommittee on Asset Management

### Summary of Strategies and Tasks 2004-2010

| Work Element  | Task No. | Assigned to:      | From:            |
|---|----------|-------------------|------------------|
| <b>Goal 1 - Promote the development of asset management tools, analysis methods &amp; research topics</b> |          |                   |                  |
| <b>Strategy 1: Evaluate &amp; promote innovative technology &amp; management systems</b>                  |          |                   |                  |
| Explore opportunities for integration of management systems   | 1-1-1    | Sandra Straehl    | Montana DOT      |
| Develop individual management systems   | 1-1-2    | John Deatrick     | D.C. DOT         |
| Develop tools for modal systems coordination  | 1-1-3    | TRB/AASHTO        |                  |
| Review current methods of economic evaluation   | 1-1-4    | Paul Wells        | New York DOT     |
| Appoint subcommittee task force to work with volunteer States   | 1-1-5    | TRB/AASHTO        |                  |
| Publish Reports and Results   | 1-1-6    | TRB/AASHTO        |                  |
| Integrate into Best Practices Program (Strategy 1-1-5)  | 1-1-7    | AASHTO/Sue McNeil |                  |
| Publish Proceedings   | 1-1-8    | Discuss with TRB  |                  |
| <b>Strategy 2: Promote use of Management Systems, tools, and tradeoff analysis</b>                        |          |                   |                  |
| Subcommittee task force for evaluating data management needs, methods, & software                         | 1-2-1    | Mark Wolfgram     | Wisconsin DOT    |
| Develop engineering/economic tools (e.g. benefit/cost, LCCA, risk analysis)                               | 1-2-2    | Kirk Steudle      | Michigan DOT     |
|   |          | Paul Wells        | New York DOT     |
|   |          |                   | Pennsylvania DOT |
| <b>Strategy 3: Information sharing on performance measurement, tools, and tracking delivery</b>           |          |                   |                  |
| Share Information   | 1-3-1    | Charlie Howard    | Washington DOT   |
|   |          | Kirk Steudle      | Michigan DOT     |

| Work Element  | Task No. |                     |              |
|---|----------|---------------------|--------------|
| <b>Goal 2 - Communicate with and inform member States how to utilize asset management</b> |          |                     |              |
| <b>Strategy 1: Communicate &amp; share information with Member States</b>                 |          |                     |              |
| Community of Practice website   | 2-1-1    | Lou Adams           | NYS DOT      |
| Family of brochures   | 2-1-2    | Dave Geiger         | FHWA         |
| Speakers Bureau & Prepared Speeches   | 2-1-3    | Neil Pedersen and   | Maryland SHA |
|   |          | Marsha Kaiser       | Maryland DOT |
| Videos on results of NCHRP Project 20-24(11) for technical staff                          | 2-1-4    | Determine if needed |              |
| State DOT Contacts for Transportation Asset Management                                    | 2-1-5    | Cash Missel         | Ohio DOT     |
|   |          | Terry Heidner       | Kansas DOT   |
|   |          | Sandra Straehl      | Montana DOT  |
| <b>Strategy 2: Share information with policy and technical decision makers</b>            |          |                     |              |
| Publish a quarterly Transportation Asset Management newsletter                            | 2-2-1    | ON HOLD             |              |
| Develop standardized presentations for member States                                      | 2-2-2    | Dave Geiger         | FHWA         |
| Communication with existing groups and share information                                  | 2-2-3    | ALL                 |              |

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| <b>Goal 3 - Assist member States in assessing and implementing asset management principles</b>  |          |                        |                |
| <b>Strategy 1: AASHTO Asset Management Guide</b>  |          |                        |                |
| Periodically update the AASHTO guide  | 3-1-1    | Kirk Steudle           | Michigan DOT   |
|   |          | Dave Geiger            | FHWA           |
| <b>Strategy 2: Support for Member States</b>  |          |                        |                |
| Develop and administer a "Best Practices" Program   | 3-2-1    | TRB/AASHTO             |                |
| Tap into FHWA Capacity Building Program   | 3-2-2    | Neil Pedersen          | Maryland DOT   |
| <b>Strategy 3: Education and training</b>   |          |                        |                |
| Hold joint meetings with key AASHTO committees & subcommittees, TRB, & others   | 3-3-1    | Kirk Steudle           | Michigan DOT   |
|   |          | Neil Pedersen          | Maryland DOT   |
|   |          | Dave Geiger            | FHWA           |
| Subject/scope for Transportation Asset Management Conferences through 2010  | 3-3-2    | AASHTO/TRB/FHWA        | TRB/AASHTO     |
| Develop comprehensive outline of training for asset management  | 3-3-3    | AASHTO/TRB/FHWA        | TRB/AASHTO     |
| Translate training outline into specific program  | 3-3-4    | AASHTO/TRB/FHWA        | TRB/AASHTO     |
|   |          |                        |                |
| Work Element  | Task No. |                        |                |
| <b>Goal 4 - Develop and document an understanding of asset management, how it is being used and how it can be used in the future by member States</b> |          |                        |                |
| <b>Strategy 1: Identify knowledge gaps and undertake future research</b>  |          |                        |                |
| Document Impacts of Asset Management  | 4-1-1    | Leonard Evans + others | Ohio DOT + TBD |
| Document value of national transportation assets as benchmark   | 4-1-2    | Leonard Evans + others | Ohio DOT + TBD |
| Update State Surveys  | 4-1-3    | Leonard Evans + others | Ohio DOT + TBD |
| Synthesis Work  | 4-1-4    | Leonard Evans + others | Ohio DOT + TBD |
| Survey States on appropriate parameters & benchmarks  | 4-1-5    | Leonard Evans + others | Ohio DOT + TBD |
| Identify Critical Measures  | 4-1-6    | Leonard Evans + others | Ohio DOT + TBD |
| Identify Communication Measures between organizations   | 4-1-7    | Leonard Evans + others | Ohio DOT + TBD |
| Summary Report on Benchmarking  | 4-1-8    | Leonard Evans + others | Ohio DOT + TBD |
| Database for biennial benchmarking  | 4-1-9    | Leonard Evans + others | Ohio DOT + TBD |
| <b>Strategy 2: Plan AASHTO/FHWA Scanning Tours</b>  |          |                        |                |
| Conduct Tour, Document, & Disseminate results   | 4-2-1    | Dave Geiger            | FHWA           |
|   |          | Paul Wells             | NYS DOT        |
| Identify, Document, & Define needed tools and information and develop Implementation Plan   | 4-2-2    | Dave Geiger/Paul Wells | FHWA/NYS DOT   |
| Develop mechanism for international input   | 4-2-3    | Dave Geiger/Paul Wells | FHWA/NYS DOT   |

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| <b>Goal 5 - Develop partnerships with public and private entities having an interest in and commitment to asset management</b> |          |               |              |
| <b>Strategy 1: Interaction and Coordination</b>  |          |               |              |
| Establish subcommittee liaisons with other organizations   | 5-1-1    | Tim Gilchrist | NYS DOT      |
| <b>Strategy 2: Promote sustained support with other organizations.</b>   |          |               |              |
| Work with other organizations (NSF, UTC, etc.) to promote Transportation Asset Management activities                           | 5-2-1    | Neil Pedersen | Maryland DOT |
| Identify opportunities to include Asset Management to the curriculum of universities   | 5-2-2    | TRB/AASHTO    |              |
| <b>Strategy 3: Joint workshops, seminars, and research</b>   |          |               |              |
| Hold joint meetings with other organizations   | 5-3-1    | Kirk Steudle  | Michigan DOT |
|  |          | Neil Pedersen | Maryland DOT |
|  |          | Dave Geiger   | FHWA         |
| Document the impact of asset management on cost effectiveness, efficiency, customer satisfaction & life cycles                 | 5-3-2    | Dave Geiger   | FHWA         |